CLAIMS:

- 1. A surface acoustic wave component comprising at least one surface acoustic wave device encapsulated in a package, said device being made on the surface of a piezoelectric substrate by means of interdigitated electrodes powered by first conductive contacts internal to the surface of the substrate, characterized in that the package comprises, in addition to the substrate:
- a first layer located on the substrate and hollowed out locally at least at the level of the active surface of the surface acoustic wave device;
- a printed circuit covering the entire first layer, said printed circuit comprising second external conductive contacts;
- conductive via holes going through the unit formed by the first layer/printed circuit and connecting the first internal conductive contacts to the second external conductive contacts.
- 2. Surface acoustic wave component according to claim 1, characterized in that the first layer is made of photosensitive resin. claim \
- 3. Surface acoustic wave component according to one of the -claims 1 or 2, characterized in that the package has a second layer, called an adhesive layer, located between the first layer and the printed circuit.
- 4. Surface acoustic wave component according to one of the claims 1 to 3, characterized in that the external face of the substrate and the side faces of the component are covered with a third layer that is hermetic.
- 5. Surface acoustic wave component according to one of the claims 1 to 4, characterized in that the printed circuit is metallized on the surface.
- 6. Surface acoustic wave component according to one of the claims 1 to 5, characterized in that the first layer has acoustic absorbent properties.
- 7. Method for the collective fabrication of surface acoustic wave components according to one of the claims 1 to 6, comprising the making of surface acoustic wave devices on a piezoelectric substrate and comprising the following steps:
- the making of a first hollowed layer on all the surface acoustic wave devices;
 - the bonding of a printed circuit to said first layer;

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- the making of via holes in the printed circuit and the first layer at the level of the first internal conductive contacts of the surface acoustic wave devices;
- the metallizing of the via holes and the defining of second external conductive contacts, said second contacts being connected to said first contacts by the metallized via holes;
- the cutting out of the assembly formed by the substrate, the first layer and the printed circuit so as to separate the surface acoustic wave components.
- 8. Method for the collective fabrication of components according to claim 7, characterized in that the making of the first hollowed layer is obtained by the preliminary deposition of a uniform layer, followed by the etching of said layer.
- 9. Method for the collective fabrication of components, according to claim 7, characterized in that the making of the first layer is obtained by the lamination of a previously hollowed out layer.
- 10. Method for the collective fabrication of modules of components according to one of the claims 7 to 9, characterized in that the bonding of the printed circuit to the first layer comprises:
 - the deposition of a second layer, known as an adhesive layer, on the printed circuit;
 - the hot pressing of the printed circuit/second layer on the entire unit formed by the first layer and the piezoelectric substrate.
- 11. Method for the collective fabrication of components according to one of the claims 7 to 10, characterized in that it comprises the making of a third layer, called a coating layer, on the lower face of the substrate and on the side faces of the component.
- 12. Method of collective fabrication according to claim 11, characterized in that the third layer is made by sputtering.
- 13. Method of collective fabrication according to claim 11, characterized in that the third layer is made by the vapor phase deposition of a parylene type polymer.
- 14. Method of collective fabrication according to claim 11, characterized in that the third layer is obtained by the deposition of a varnish.

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